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SC-02398/63-KH
PID 51/63
28 March 1963
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MEMORANDUM FOR: Director, NPIC

FROM: Chief, CIA/PID(NPIC)

SUBJECT: Information Concerning the PI effort on the Chinese Atomic Energy Program

1. The following information has been compiled, at your request, reflecting the currently available photographic coverage of China, reports completed, and work currently in progress.

a. Large Scale Aerial Photography - In 1962 and to the present time in 1963 approximately 35% of China (including Tibet and Hainan) has been covered by large-scale aerial photography. Twenty-six missions have been accomplished since January 1962. (Attachment A). Immediate readouts (IPIR or SITSUM) have been performed on all missions. Detailed scans (MCI's) have been accomplished on 20 of the missions, representing approximately 35% of the Chinese land area. An MCI was not performed in several instances because of a short time interval between dates of comparative photo coverage or because of camera malfunction.

b. KEYHOLE Photography - KH photography since August 1960 covers 85 to 90% of Communist China. Approximately 40% of this coverage is obscured by scattered to heavy clouds. Twenty-three KH missions have been accomplished during the period from August 1960 to December 1962 (Attachment B). Mission Coverage Indexes have been accomplished on 16 (70%) of these missions. It is estimated that approximately 75% of China has been scanned in some detail through accomplishment of MCI's in these 16 missions.

c. Reports Completed - The following number of detailed reports, arranged by category, have been produced since 1 January 1960 (not including IPIRs, MCIs or MCPs):

NPIC		CIA/PID	
Guided Missiles	10	Guided Missiles	16
Nuclear Energy	10	Nuclear Energy	17
Other	5	Operational	33
Total	25	Other	19
		Total	85

d. The following number of projects on China are presently in work:

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NPIC	
Guided Missiles	4
Nuclear Energy	4
Total	8

CIA/PID	
Guided Missiles	3
Nuclear Energy	5
Operational	15
Trans. & Ind.	38
Total	61

2. Presently the detailed scanning phase embodied in the MCI is being improved and it is hoped the backlog of missions waiting for this process will be cut to current imputs In addition selected scans for specific categories of installations will be undertaken on a routine basis as additional manpower becomes available. This should completely minimize any failure to identify and analyze significant installations as they appear.

[redacted]

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ILLEGIB

[redacted]

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Cy. #2

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Attachemtn B to ~~TCS #1277/63-KH~~ 2# 02398/63
ABCB 53/63
28 March 1963

LISTING OF KEYHOLE PHOTOGRAPHY

Mission	Date	Readout
9009	18,19 Aug 60	OAK, MCI
9013	8,9,10 Dec 60	OAK, MCI
9017	17-19 Jun 61	OAK, MCI
9019	8,9 Jul 61	OAK, MCI
9022	12-14 Sep 61	OAK, MCI
9023	30,31 Aug 61, 1 Sep 61	OAK, MCI
9025	13-14 Oct 61	OAK, MCI
9028	16,17 Nov 61	OAK, MCI
9029	12-16 Dec 61	OAK, MCI
9031	27-28 Feb, 1-3 Mar 62	OAK, MCI
9032	18-20 Apr 62	OAK, MCI
9035	30 May - 2 Jun 62	OAK, MCI
9037	23-26 Jun 62	OAK, MCI
9038	28 Jun-2 Jul 62	OAK, MCI
9039	21 Jul 62	OAK, MCI
9040	28-31 Jul 62	MCI Completed, publication expected April 1963
		OAK
9041	2-6 Aug 62	OAK, MCI in progress
9043	18-19 Sept 62	OAK
9044	29 Aug-2 Sep 62	OAK
9045	30 Sep-2 Oct 62	OAK
9047	5-9 Nov 62	OAK
9048	24-29 Nov 62	OAK
9050	15-18 Dec 62	OAK

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GROUP 1
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Cy #2

SC #02393/63

Attachment A to ~~TCS #1217/63-KH~~
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LISTING OF LARGE SCALE AERIAL PHOTOGRAPHY

Mission	Date	Readout	
GRC-100	13 Jan 62	IPIR,MCI	
GRC-102	23 Feb 62	IPIR, MCI	
GRC-104	13 Mar 62	IPIR, MCI	
GRC-106	26 Mar 62	IPIR, MCI	
GRC-112	16 Jun 62	IPIR, MCI	
GRC-113	20 Jun 62	IPIR, MCI	
GRC-115	26 Jun 62	IPIR, MCI	
GRC-116	29 Jun 62	IPIR	
GRC-117	30 Jun 62	IPIR	
GRC-119	6 Jul 62	IPIR, MCI	
GRC-120	10 Jul 62	IPIR	
GRC-123	28 Jul 62	IPIR	
GRC-125	11 Aug 62	IPIR, MCI	
GRC-126	8 Sep 62	IPIR	
GRC-128 (No. Korea China)	6 Dec 62	IPIR, MCI	
GRC-133	20 Dec 62	IPIR, MCI	Camera Malfunction
GRC-134	24 Dec 62	IPIR	Camera Malfunction
GRC-136	28 Dec 62	IPIR, MCI	
GRC-138	20 Jan 63	IPIR, MCI	
3201 (Tibet)	5 Dec 62	SITSUM, MCI	
3203 (Tibet)	10 Dec 62	SITSUM, MCI	
3206 (China, Laos, N Viet Nam)	2 Jan 63	SITSUM, MCI	
3210 (Tibet)	3 Jan 63	SITSUM, MCI	
3213	19 Jan 63	SITSUM, MCI	
3215 (Tibet/China)	22 Jan 63	SITSUM, MCI	
3219 (Hainan)	9 Mar 63	SITSUM, (MCI Scheduled)	

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GROUP 1
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